

Available online at www.sciencedirect.com



Dyes and Pigments 57 (2003) I-II



Contents of Volume 57

Number 1

- Synthesis and characterization of new liquid crystallines containing a thiophenylated indolinobenzospiropyranyl group. Part 5 S.-R. KEUM & H.-R. JANG (South Korea)
- 7 Good quality printing with reactive dyes using guar gum and biodegradable additives R. SCHNEIDER (Germany) & S. SOSTAR-TURK (Slovenia)
- 15 Capillary electrophoretic and spectrophotometric investigations of the complexation of Methylene Blue with 2-naphthol-6-sulfonate and 1,2-naphthoquinone-4-sulfonate in solution S. HAMAI & K. SATO (Japan)
- 21 Luminescent properties and photo-induced electron transfer of naphthalimides with piperazine substituent J. GAN, K. CHEN, C.-P. CHANG & H. TIAN (China)
- 29 Effect of N-2-(aminoethyl)-3-aminopropyltrimethoxysilane surface modification and C.I. Acid Red 18 dye adsorption on the physicochemical properties of silica precipitated in an emulsion route, used as a pigment and a filler in acrylic paints
 T. JESIONOWSKI, M. POKORA, W. TYLUS, A. DEC & A. KRYSZTAFKIEWICZ (Poland)
- 43 Synthesis of new squaraine dyes for optical switches R. PETERMANN, M. TIAN, S. TATSUURA & M. FURUKI (Japan)
- 55 Elimination of organic water pollutants using adsorbents obtained from sewage sludge M. OTERO, F. ROZADA, L.F. CALVO, A.I. GARCÍA & A. MORÁN (Spain)
- 67 "Critical" effect of hydrogen peroxide in photochemical oxidative decolorization of dyes: Acid Orange 8, Acid Blue 74 and Methyl Orange
 A. ALEBOYEH, H. ALEBOYEH & Y. MOUSSA (France)
- 77 Synthesis and properties of bis(hetaryl)azo dyes M. WANG, K. FUNABIKI & M. MATSUI (Japan)
- 87 Structural characterisation of Nitrazine Yellow by NMR spectroscopy
 G. VISCARDI, P. QUAGLIOTTO, C. BAROLO, G. CAPUTO, G. DIGILIO, I. DEGANI & E. BARNI (Italy)

Number 2

- 97 Editorial
- 99 The crystal and molecular structure of C.I. Pigment Yellow 83, a superior performance Diarylide Yellow pigment M.J. BARROW, R.M. CHRISTIE & T.D. BADCOCK (UK)
- 107 Synthesis, light absorption and fluorescence properties of new thiazole analogues of the xanthene dyes J. GRIFFITHS & W.J. LEE (UK)

- 115 ¹⁵N, ¹³C and ¹H NMR spectra of three 2:1 cobalt(III) complexes of 1-(2-carboxyphenyl)azo-2-naphthol A. LYČKA & J. HOLEČEK (Czech Republic)
- 121 Metallization of non-genotoxic direct dyes J.-S. BAE, H.S. FREEMAN & A.EL-SHAFEI (USA)
- 131 Synthesis and spectral characterisation of a series of new heterocyclic triphenylmethane analogues A. NOACK, A. SCHRÖDER & H. HARTMANN (Germany)
- The crystalline-state photochromism, thermochromism and X-ray structural characterization of a new spiroxazine H.-J. SUH, W.-T. LIM, J.-Z. CUI, H.-S. LEE, G.-H. KIM, N.-H. HEO & S.-H. KIM (South Korea)
- 161 Synthesis and properties of YOYO-1-type homodimeric monomethine cyanine dyes as noncovalent nucleic acid labels
 N.I. GADJEV, T.G. DELIGEORGIEV, I. TIMCHEVA & V. MAXIMOVA (Bulgaria)
- Properties of unsymmetrical squarylium dyes containing strongly electron-donating 4'-amino-2,2'-bis(diethyl-amino)-4,5'-bithiazole residue

 J.J. KIM, K. FUNABIKI, H. SHIOZAKI & M. MATSUI (Japan)
- 171 Syntheses and nonlinear absorption of novel unsymmetrical cyanines J. WANG, W.-F. CAO, J.-H. SU, H. TIAN, Y.-H. HUANG & Z.-R. SUN (PR China)

Number 3

- 181 Crystallographic structures and solid fluorescence behaviors of crystals of a 2-(9-anthryl)phenanthroimidazoletype clathrate host L. BU, T. SAWADA, H. SHOSENJI, K. YOSHIDA & S. MATAKA (Japan)
- 197 Kinetics and mechanism of the oxidative color removal from Durazol Blue 8 G with hydrogen peroxide H.A. EL-DALY, A.-F.M. HABIB & M.A.B. EL-DIN (Egypt)
- 211 Adsorption characteristics of the dye, Brilliant Green, on Neem leaf powder K.G. BHATTACHARYYA & A. SARMA (India)
- 223 Azulene-1-azopyridine 1'-oxides A.C. RAZUS, L. BIRZAN, S. NAE, L. CRISTIAN, F. CHIRALEU & V. CIMPEANU (Romania)
- 235 The degree of dispersion of pigments in powder coatings M. KUNAVER, M.K. GUNDE, M. MOZETIČ & A. HROVAT (Slovenia)
- 245 Phenothiazinium photosensitisers: choices in synthesis and application M. WAINWRIGHT & R.M. GIDDENS (UK)
- UV/vis absorption and fluorescence spectroscopic study of novel symmetrical biscoumarin dyes H. AMMAR (Tunisia), S. FERY-FORGUES (France) & R. EL GHARBI (Tunisia)

Short communication

267 Identification and quantitative HPLC analysis of the main flavonoids present in weld (Reseda luteola L.)
D. CRISTEA, I. BAREAU & G. VILAREM (France)